

ATTACHMENT A

**Clean version of the changes to the Specification &
Clean version of all pending claims**

IN THE SPECIFICATION:

The paragraph beginning at page 1, line 2, has been rewritten as follows:

A/ This application is related by subject matter to the following applications: U.S.
Application Serial No. 09/321,830, filed 28-May-1999, entitled "SYSTEM AND METHOD
FOR ASYNCHRONOUS CONTROL OR REPORT GENERATION USING A NETWORK
INTERFACE," now U.S. Patent No. 6,279,033, issued 21-Aug-2001; and U.S. Application
Serial No. 09/321,738, filed 28-May-1999, entitled "SYSTEM AND METHOD FOR OLAP
REPORT GENERATION WITH SPREADSHEET REPORT WITHIN THE NETWORK USER
INTERFACE."

The paragraph beginning at page 23, line 21, has been rewritten as follows:

AD A detailed embodiment of a system for enabling users to asynchronously generate report requests is depicted in Fig. 5. Such a system 50 comprises a data warehouse 12, server system 14, network output module 22, user systems 26, user interface modules 29 and network 36. Additionally, server system 14 may be connected to a server cache 44 and network output module 22 may be connected to a network output module cache 46. Further, a network server 42 may be provided to generate output from network output module 22 across network 36 to user systems 26.

The paragraph beginning at page 25, line 7, has been rewritten as follows:

A3 Operation of system 50 may now be described. System 50 may enable users to request reports from server system 14 to be processed against data warehouse 12 through the use of a user interface module, such as a web browser operatively connected over the Internet to a network output module 22. As such a report may be requested by a user through user interface module 29 of user system 26.

The paragraph beginning at page 25, line 12, has been rewritten as follows:

24 To access the data warehouse, a user may first log in to network server 42 via user system

26. The user may do so by selecting a particular web site maintained by network server 42 or some other mechanism may be used. Network server 42 then presents the user with a view using user interface module 29 (e.g., a web browser) comprising one or more options. A view may comprise a page or series of pages from a website, for example. One option presented in the view may be a mechanism that enables a user to generate a report request through this mechanism in the view. User interface module 29 may be used to submit a request for a report selected by the user to network server 42 over network 36. Network server 42 communicates the request to network output module 22. Network output module 22 receives the request and formulates a report request to be sent to server system 14 for processing using data warehouse 12. Network output module 22 may also perform other steps, as described in detail below with respect to Fig. 3. Network output module 22 may also cooperate with an agent module operatively connected over system 50 to formulate a report. Server system 14 then accesses data warehouse 12 to perform all data retrieval and calculations to provide the report.

The paragraph beginning at page 26, line 5, has been rewritten as follows:

A5 Network output module 22 may provide the functionality to determine whether a report request is the same or substantially the same as a previously requested report prior to forwarding a report to server system 14 for processing. Upon receipt of a report request, network output module 22 also controls network server 42 to present a new view to the user through user interface module 29 via network 36 while continuing to monitor progress of submitted reports identified for the particular user. This enables users to perform other tasks and thereby provides the asynchronous nature of the present invention. For example, the user may operate other views, pages, sites or any other action using user interface module 29, without having to wait for the report generation to be complete before being able to do so.

The paragraph beginning at page 26, line 15, has been rewritten as follows:

A6 After the report generation is complete, server system 14 communicates the report to network output module 22. Network output module 22 prepares the report for presenting to the user(s) that requested the report using user interface module 29. As such, network output module 22 controls asynchronous processing of reports requested by the users.

The paragraph beginning at page 26, line 20, has been rewritten as follows:

47
Fig. 6 illustrates various components and objects of system 50 that perform tasks and functions described above. These objects may reside anywhere within system 50, but the location of each according to one embodiment is described as well. System 50 comprises a report requesting object 112, a report request receiving object 114, a report request submitting object 116, an option presenting object 118, a selected option receiving object 120, and a selected option submitting object 122. Report requesting object 112 communicates with report request receiving object 114 to enable a user to request a report to be generated. Report requesting object 112 may comprise functionality provided in a web page presented through user interface module 29. Report request receiving object 114 may comprise a module that is a portion of network output module 22. Report request submitting object 116 submits the user's report request for generation. Report request submitting object 116 may comprise an object that is a portion of network output module 22.